

THE PENDING CLAIMS

1. (Presently presented) A hydrogel having a floatability and having a thickening capability wherein the hydrogel thickens from 40% to 90% of an aqueous solution or suspension starting from the surface of the solution or suspension and the hydrogel thickens the rest of the solution or suspension starting from the bottom of a container for the solution or suspension, said hydrogel comprising superabsorbent polymer particles coated with 0.05% to 1%, by weight, of a hydrophobic compound, wherein the hydrophobic compound is a hydrophobicized silica or a hydrophobicized mixture of silicas and aluminas, and 0.05% to 4%, by weight, of a multivalent cation.

2. (Previously presented) The hydrogel of claim 1 having a solidification time of less than 120 seconds upon contact with the solution or suspension and/or having a blood absorbance of at least 10 g/g.

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Previously presented) A hygiene article comprising a hydrogel of claim 1, said hygiene article selected from the group consisting of an incontinence article, a napkin, a tampon, and a liner.

16. (Cancelled)
17. (Withdrawn) A method of absorbing blood, body fluids, or both comprising contacting the blood, body fluid, or both with a hydrogel of claim 1.
18. (Withdrawn) The method of claim 17 wherein the hydrogel is present in a hygiene article.
19. (Withdrawn) A method of thickening an aqueous solution or suspension comprising contacting the solution or suspension with a hydrogel of claim 1.
20. (Withdrawn) A method of thickening medical wastes comprising contacting the medical waste with a hydrogel of claim 1.
21. (Previously presented) A composition comprising a hydrogel of claim 1 and one or more of a biocidal material, an antimicrobial material, an antibacterial material, a perfume or scent material, a stabilizer, a dye, and a pH indicator.
22. (Cancelled)
23. (Cancelled)
24. (Presently presented) The hydrogel of claim 1 wherein the hydrophobic compound is particles having an average diameter from 0.001 to 10 μm .
25. (Cancelled)
26. (Presently presented) The hydrogel of claim 30 wherein the hydrophilic compound is a silica or a mixture of silicas and aluminas.
27. (Previously presented) The hydrogel of claim 1 wherein the hydrogel further comprises a surfactant.
28. (Previously presented) The hydrogel of claim 1 wherein the multivalent cation is an aluminum ion.
29. (Previously presented) The hydrogel of claim 27 wherein the surfactant is a sorbitan ester.
30. (Previously presented) The hydrogel of claim 1 further comprising a hydrophilic compound.